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(54) Title: TISSUE MODELING IN EMBRYONIC STEM (ES) CELL SYSTEM

(57) Abstract: Provided are embryonic stem (ES) cell-derived tissue modeling systems. In particular, systems for the de novo generation of tissue by parallel drug selection of cell types constituting the tissue of interest in one culture of differentiating ES cells is described as well as the use of such systems in transplantation and drug development.

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WO 2004/113515 A2